

What is claimed is:

1. A pedal positioning apparatus, comprising:  
a shaft;  
a ratchet assembly comprising a handle translatable along said shaft;  
a lever arm having a first end and a second end, and pivotally connected to said ratchet assembly at said first end of said lever arm; and  
a pad attached to the second end of said lever arm that contacts a pedal and is configured to apply force to said pedal when said ratchet assembly is translated.
2. A pedal positioning apparatus according to claim 1, wherein said ratchet assembly comprises:  
a handle with an aperture through which said shaft passes;  
an attachment arm that extends from said handle; and  
at least one trigger extending from said handle.
3. A pedal positioning apparatus according to claim 2, wherein said lever arm is connected to said attachment arm via a pivoting connection and wherein said lever arm comprises a first side wall, a second side wall, a base extending between said first and second side walls and lying in a plane and a pedal hooking feature oriented at said second end of said lever arm.
4. A pedal positioning apparatus according to claim 3, wherein said pad is attached to said lever arm by a first bracket connected to said first side wall and a second bracket connected to said side wall, wherein said pad extends between said first and second brackets.
5. The pedal positioning apparatus according to claim 1, further comprising a foot connected to said shaft.

6. The pedal positioning apparatus according to claim 2, wherein said handle further comprises a second trigger that is used in combination with said at least one trigger to incrementally translate said ratchet assembly along said shaft.

7. The pedal positioning apparatus according to claim 5, wherein said foot comprises two opposing angle brackets and a plate, wherein each of said two opposing angle brackets is attached to said plate via weld attachment.

8. The pedal positioning apparatus according to claim 2, wherein said pivoting connection comprises:

- a pin having a diameter and a longitudinal axis, wherein said pin includes a bore located at an axial location along said pin and wherein said bore extends through the entire diameter of said pin;

- a bolt having a first end and a second end that extends through said attachment arm and through said bore;

- a spacer that is disposed around a portion of said bolt, wherein said spacer is positioned between said attachment arm and said pin;

- a nut that attaches to said bolt;

- a first washer disposed around said bolt, wherein said first washer is positioned generally at said first end of said bolt trapped between said first end and said attachment arm;

- a second washer disposed around said bolt, wherein said second washer is positioned generally at said second end of said bolt trapped between said nut and said pin.

9. The pedal positioning apparatus according to claim 4, wherein said first side bracket and said second side bracket each comprise:

a first vertical portion connected to said lever arm;  
a horizontal portion connected to said first vertical portion; and  
a second vertical portion connected to said horizontal portion.

10. The pedal positioning apparatus according to claim 9, wherein said first vertical portion is oriented approximately 90° angle to the plane and wherein said horizontal portion is oriented generally parallel to the plane and wherein said second vertical portion is oriented at approximately 75° to the plane.

11. The pedal positioning apparatus according to claim 1, wherein said pad is constructed from a non-deformable material.

12. The pedal positioning apparatus according to claim 1, wherein said pad is a nylon pad.

13. The pedal positioning apparatus according to claim 3, wherein said lever arm is constructed from square tubing.

14. A pedal positioning apparatus, comprising:  
a means for supporting the apparatus on a surface;  
a means for clamping onto said supporting means and translating along said supporting means;  
a lever arm having a first end and a second end, and pivotally connected to said clamping means at said first end of said lever arm; and  
contacting means attached to the second end of said lever arm for contacting a pedal and applying force to the pedal when said clamping means is translated along said supporting means.

15. The pedal positioning apparatus according to claim 14, further comprising a foot connected to said supporting means on which said supporting means rests.

16. The pedal positioning apparatus according to claim 14, wherein said clamping means comprises a handle and at least one trigger operable to translate said clamping means.

17. The pedal positioning apparatus according to claim 14, further comprising a pad mounted to said second end of said level arm by at least one bracket.

18. The pedal positioning apparatus according to claim 14, further comprising means for hooking the pedal located at said second end of said lever arm.

19. An apparatus to position a pedal, for use with a clamp having a handle translatable along a shaft, the apparatus comprising:

a lever arm having a first end and a second end, wherein said first end of said lever arm is pivotally connected to the clamp; and

a pad connected to said second end of said lever arm that contacts a pedal and applies force to the pedal when the handle is translated along the shaft.

20. A method for positioning a pedal and applying a force to a pedal, comprising:

applying a pedal positioning apparatus to the pedal, wherein the pedal positioning apparatus comprises:

a shaft;

a ratchet assembly comprising a handle translatable along the shaft;

a lever arm having a first end and a second end, and pivotally connected to the ratchet assembly at the first end of the lever arm; and

a pad attached to the second end of the lever arm that contacts the pedal and is configured to apply force to the pedal when the ratchet assembly is translated;

translating the handle in a direction opposite the foot;

contacting the pad with the pedal; and

locking the handle in position on the shaft.

21. A pedal positioning apparatus, comprising:

a ratchet assembly having a handle with an aperture, wherein a shaft passes through said aperture, and having an attachment arm, that extends from said handle, and having at least one trigger;

a lever arm having a first end and a second end, wherein said lever arm is connected to said attachment arm via a pivoting connection, wherein said lever arm comprises a first side wall, a second side wall, a base extending between said first and second side walls and lying in a plane and a pedal hooking feature oriented at said second end of said lever arm;

a bracket assembly attached to said second end of said lever arm; and

a pad member connected to said bracket assembly.